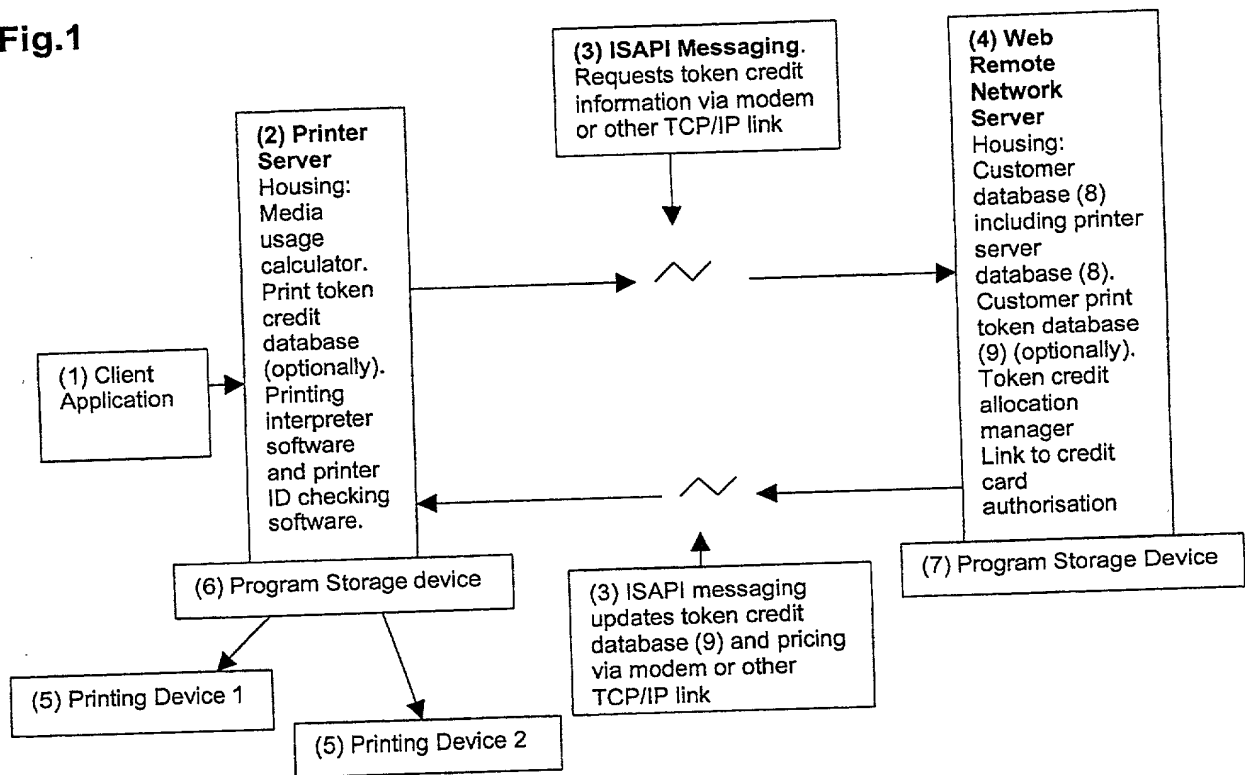


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Fig.1



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Fig. 2

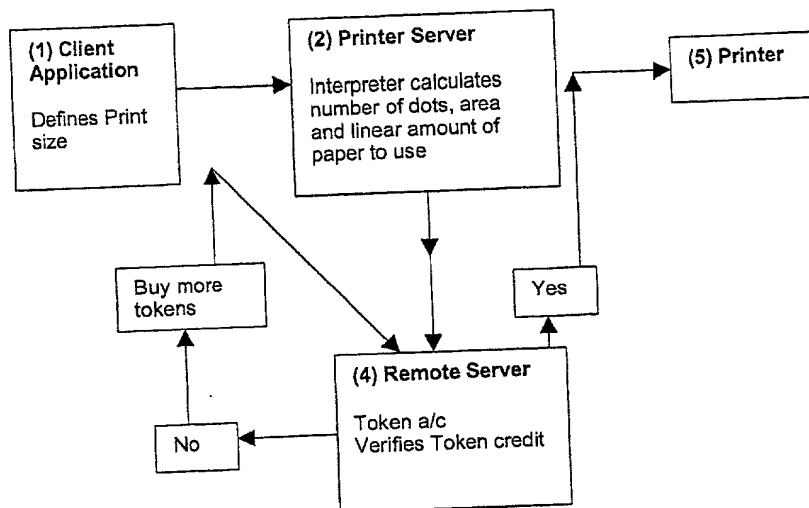
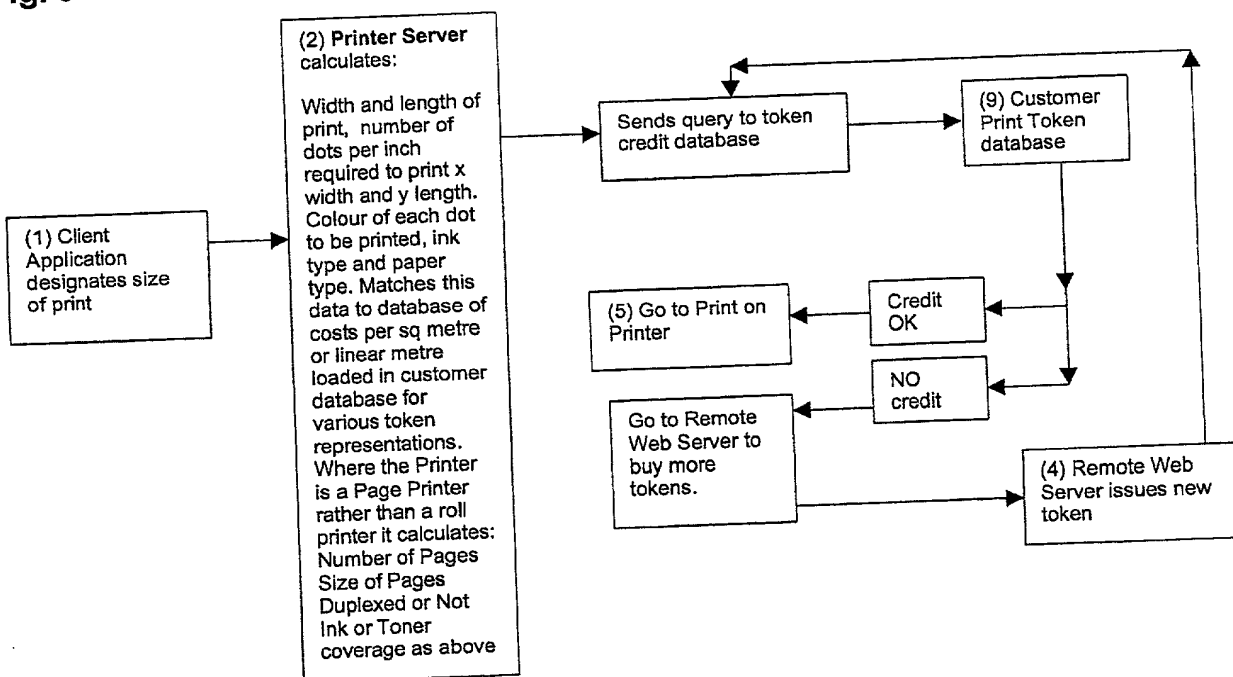


Fig. 3



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Fig. 4

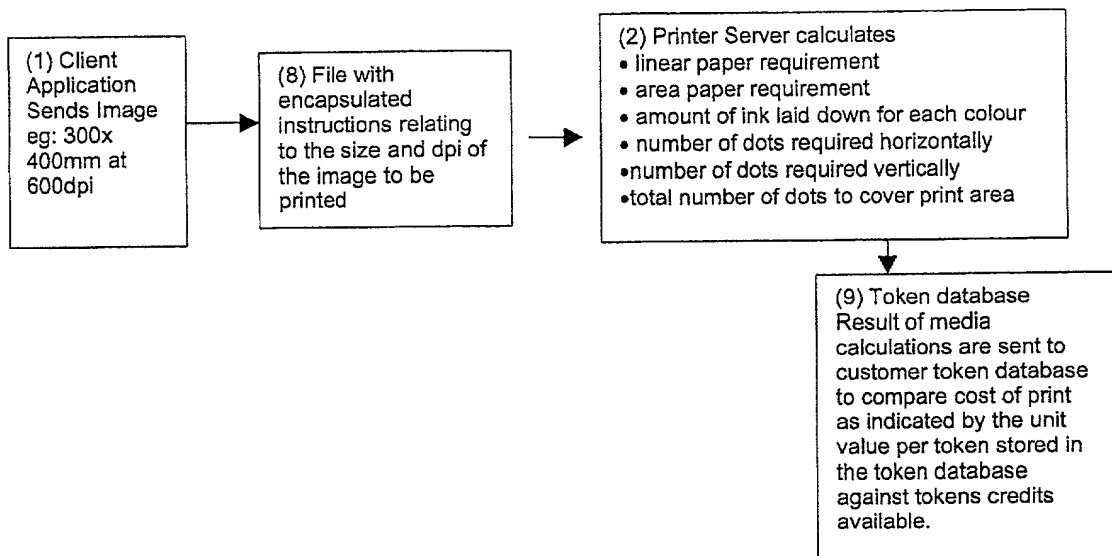


Fig. 5

**Web Network Server**

1. Start Web Network Server (WNS) Process.
2. Monitor and inform Printer Server Credit Token database (PSCTD) list of any Unit cost changes (8).
3. Check Local Printer Server (LPS) incoming requests for permission to log in against valid LPS permission granted list (8).
4. Validate success? If Yes then allow LPS to log in.
5. Validate denial? Pass LPS to application to take name and address details and apply for validation.
6. Exit Process
7. WNS validates LPS unique ID. If Yes.
8. LPS can purchase new CC credits via credit or debit card.
9. WNS Uploads new credit to LPS database which may be on a remote server.
10. Download details of media usage data
11. Exit

Fig. 6

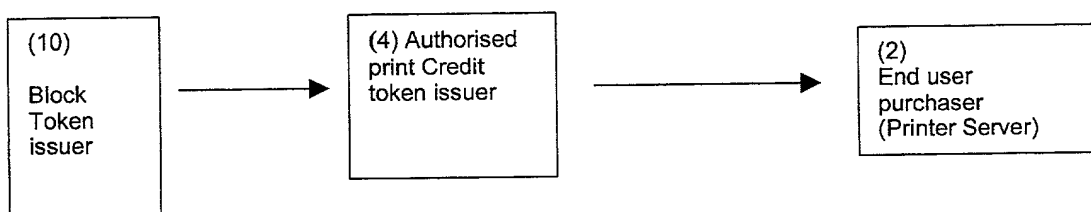
**Printer Server**

1. Start Local Printer Server (LPS) (4)
2. Enable PSCTD database which may be on a remote server.
3. PSCTD checks if there are available CT credits in database (9).
4. If CT (credit tokens) are validated.
5. LPS computes available sq footage/meterage available under the remaining CT.
6. LPS computes usage of credit as LPS prints to printing device(s) and writes cost to media cost database entries and updates remaining CT database entry.
7. Checks remaining CT and calculates remaining square footage/meterage for which there remains credit. Displays this information
8. Checks the remaining ink and media levels and warns user of need to replace/order media roll or fill up ink reservoirs for next job.
9. If no CT remain log on to Web Network Server (8) with unique ID in order to facilitate the purchase of new CT credits.

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Fig.7



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